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- (71) Applicant (for all designated States except US): **UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.** [US/US]; 630 Boyd Graduate Studies Research Center, Athens, GA 30602-7411 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **MCDONALD, John, F.** [US/US]; 199 Lakeside Drive, Arnoldsville, GA 30619 (US).
- (74) Agents: **FERNANDEZ, Lizette, M.** et al.; Needle & Rosenberg, P.C., 999 Peachtree Street, Suite 1000, Atlanta, GA 30309-3915 (US).
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(54) Title: GLOBAL ANALYSIS OF TRANSPOSABLE ELEMENTS AS MOLECULAR MARKERS OF CANCER

(57) Abstract: The present invention provides methods of determining expression patterns, methylation patterns and chromatin status patterns for transposable element gene sequences. These methods can be utilized to diagnose, stage and treat cancer.

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